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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/489,629	01/24/2000	Richard H. Lamb	201385	6064

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EXAMINER

VU, THONG H

ART UNIT	PAPER NUMBER
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2142

DATE MAILED: 08/10/2004

13

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/489,629

Applicant(s)

LAMB ET AL.

Examiner

Thong H Vu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 March 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

1. Claims 1-33 are pending.
2. Claims 1 and 17 have been amended. The Final Action is appropriate.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-33 are rejected under 35 U.S.C. § 102(e) as being anticipated by Gelman, Jr. et al [Gelman 6,415,329 B1].

3. As per claim 1, Gelman discloses a method of controlling at a gateway computing device access of a client machine to a desired resource hosted on a destination server, the desired resource being of at least one material type selected from the group including audible materials, readable materials and viewable materials,

(a) at the gateway computing device receiving handshaking packets from the client machine having as a destination address with the destination server [Gelman. Gateway, server col 7 lines 10-38; destination address, col 10 lines 9-21; handshake packets, col 29 lines 34-47];

(b) redirecting network communications [Gelman, redirect rules; col 18 lines 34-52; col 19 line 50-col 20 line 7; col 21 lines 27-38; col 23 line 57-col 24 line 37; col 29 lines 1-15], including the steps of:

redirecting the handshaking packets by rewriting the destination address in the handshaking packets IP headers to route the packets to an access controlling web server that is remote from the client, the gateway, and the destination server [Gelman, redirect rules, col 18 lines 34-52; col 19 line 50-col 20 line 7; col 21 lines 27-38; col 23 line 57-col 24 line 37; col 29 lines 1-15. It was obvious that the Redirect rule allows the destination address changed/translated to destination address, col 10 lines 9-21];

receiving a content request packet from the client machine at the gateway destined for the destination server intended to retrieve the desired resource from the destination server [Gelman, the intended destination node, col 8 lines 42-50];

at the gateway redirecting the content request packet by rewriting the destination address in the packet IP header to route the packet to the access control web server [Gelman, gateway changes the ports in header, col 9 lines 17-33];

(c) receiving a response at the gateway from the access controlling web server [Gelman. Gateway, server col 7 lines 10-38]; and

(d) at the gateway, controlling access of the client machine to the desired resource based on the response from the access controlling web server [Gelman, determines whether to send an ARQ message based on sequence numbers of messages received, col 37 lines 4-9], including refusing the client machine access to the desired resource if the response from the access controlling web server indicates that the client should not have access to the desired resource and granting the client

machine access to the desired resource if the response from the access controlling web server indicates that the client should have access to the desired resource [Gelman, Firewall with authentication and packet filtering, col 32 lines 1-22].

4. Claims 17 and 33 contain the similar limitations set forth of method claim 1. Therefore, claims 17,33 are rejected for the similar rationale set forth in claim 1.

5. As per claims 2,18 Gelman discloses establishing a connection between the client machine and the destination server if the response indicates that access to the desired resource is allowable.

6. As per claims 3,19 Gelman discloses the content request packet comprises a GET URL packet [Gelman IP address, col 29 lines 15-25; HTTP transfer, col 31 lines 1-11].

7. As per claims 4,20 Gelman discloses the response indicates that access to the desired resource is allowable if the access controlling web server does not recognize the URL of the GET URL packet as an inherent feature of authorization server.

8. As per claims 5,21 Gelman discloses the step of refusing a connection to the destination server, and establishing instead a connection between the client machine and the access controlling web server if the response is that the access controlling web

server recognizes the URL of the GET LTRL packet as an inherent feature of authorization server.

9. As per claims 6,13,22,29 Gelman discloses resending the handshaking packets [Gelman, handshake packets, col 29 lines 34-47] and GET URL packet to the destination server transparently with respect to the client machine [Gelman, transparently, col 7 lines 48-59].

10. As per claims 8,15,24,31 Gelman discloses the step of determining whether to redirect network communications based on the content of a handshaking packet as inherent feature of communication between gateway and authorization server.

11. As per claims 9,16,25,32 Gelman discloses the step of determining whether to redirect network communications comprises deciding to redirect network communications if the handshaking packet is a SYN packet directed to port 80 on the destination server as inherent feature of communication between gateway and authorization server.

12. As per claims 10,26 Gelman discloses the response indicates that access to the desired resource is allowable if the access controlling web server recognizes the URL of the GET URL packet as inherent feature of communication between gateway and authorization server.

13. As per claims 11,27 Gelman discloses the step of refusing a connection to the destination server, and establishing instead a connection between the client machine and the access controlling web server if the response indicates that the access controlling web server does not recognize the URL of the GET URL packet as inherent feature of authorization server process.

14. As per claims 12,28 Gelman discloses the access controlling web server is an RSACi Web Server as inherent feature of Web server.

15. As per claims 7,14,23,30 Gelman discloses the invention as describe above except embedding an identity token readable by the access controlling web server in the GET URL packet, wherein the identity token uniquely identifies the client machine as inherent feature of authorization server process.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Thong Vu, whose telephone number is (703)-305-4643.

The examiner can normally be reached on Monday-Thursday from 8:00AM- 4:30PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Jack Harvey*, can be reached at (703) 305-9705.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9700.

Any response to this action should be mailed to: Commissioner of Patent and Trademarks, Washington, D.C. 20231 or faxed to :

After Final (703) 746-7238

Official: (703) 746-7239

Non-Official (703) 746-7240

Hand-delivered responses should be brought to Crystal Park 11,2121 Crystal Drive, Arlington. VA., Sixth Floor (Receptionist).

Thong Vu
Patent Examiner
Art Unit 2142

